



PH-C31-x2xxx-S304

Insulator Material: 2 : LCP  
3 : PA6T

PIN數

|   | L1     | L2    | L3     | L4    | L5    |
|---|--------|-------|--------|-------|-------|
| A | 1.9mm  | 1.0mm | 0.4mm  | 5.5mm | 3.1mm |
| B | 3.0mm  | 2.5mm | 0.4mm  | 5.5mm | 3.1mm |
| C | 4.0mm  | 2.0mm | 0.5mm  | 5.5mm | 3.1mm |
| D | 3.0mm  | 1.0mm | 0.4mm  | 5.5mm | 3.1mm |
| E | 3.0mm  | 1.0mm | 0.6mm  | 5.5mm | 3.1mm |
| F | 4.0mm  | 2.5mm | 1.3mm  | 5.5mm | 3.1mm |
| G | 4.0mm  | 2.0mm | 0.8mm  | 5.5mm | 3.1mm |
| H | 4.0mm  | 1.0mm | 1.8mm  | 5.1mm | 3.4mm |
| I | 8.0mm  | 2.0mm | 0.5mm  | 5.5mm | 3.1mm |
| J | 2.0mm  | 1.0mm | 0.5mm  | 5.5mm | 3.4mm |
| K | 3.0mm  | 2.0mm | 0.9mm  | 5.5mm | 3.0mm |
| L | 1.8mm  | 2.0mm | 0.55mm | 5.5mm | 3.0mm |
| M | 2.0mm  | 2.0mm | 0.88mm | 5.5mm | 3.0mm |
| P | 3.0mm  | 1.5mm | 0.50mm | 5.5mm | 3.4mm |
| Q | 6.0mm  | 2.5mm | 0.50mm | 5.5mm | 3.4mm |
| R | 11.0mm | 2.5mm | 0.40mm | 5.5mm | 3.0mm |

## Specifications

Current Rating : 1.5 Amps

Contact Resistance : 20 mΩ Max.

Insulator Resistance : 1,000 MΩ Min.

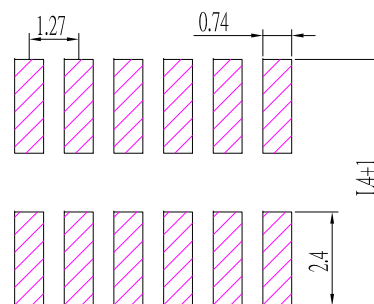
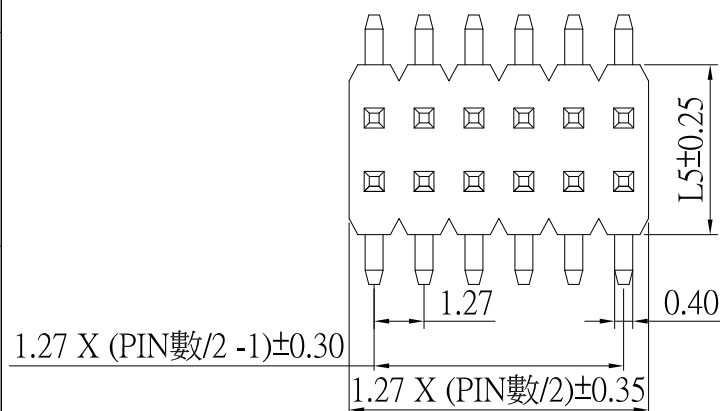
Dielectric Withstanding : AC 500 V

Operating Temperature : -40°C ~ +105°C

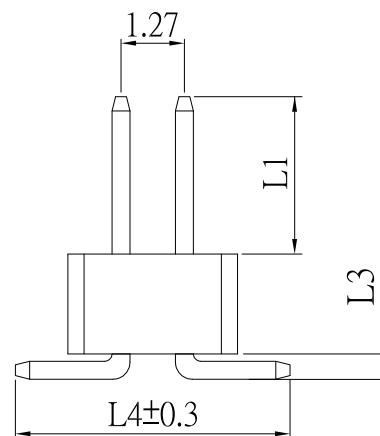
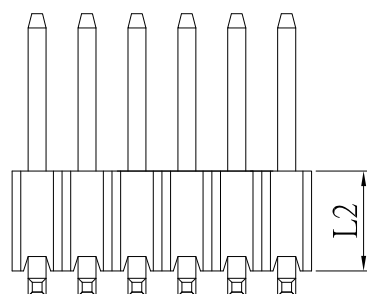
Contact Material : Brass

Insulator Material : High-Temperature Plastic

Plated : Au over Ni



RECOMMENDED PCB LAYOUT



|          |                |       |        |    |           |      |        |
|----------|----------------|-------|--------|----|-----------|------|--------|
| 10       | 新增PIN尺寸選項      | Jack  | 042320 | 14 | 更新“F”尺寸選項 | Jack | 080122 |
| 9        | 更新Rating       | Jack  | 042220 | 13 | 新增PIN尺寸選項 | Jack | 031621 |
| 8        | 新增PIN尺寸選項      | Jack  | 042120 | 12 | 新增PIN尺寸選項 | Jack | 022221 |
| 7        | 新增PIN尺寸選項及材質選項 | Jack  | 102519 | 11 | 新增PIN尺寸選項 | Jack | 101420 |
| 6        | 新增PIN尺寸選項      | Jack  | 071519 |    |           |      |        |
| 5        | 新增PIN尺寸選項      | Jack  | 110918 |    |           |      |        |
| 4        | 新增PIN尺寸選項      | Jack  | 101817 |    |           |      |        |
| 3        | 新增PIN尺寸選項      | Jack  | 090417 |    |           |      |        |
| 2        | 新增PIN尺寸選項      | Jack  | 070717 |    |           |      |        |
| 1        | 更新PIN數         | Jack  | 031017 |    |           |      |        |
| ITEM NO. | DESCRIPTION    | DRAWN | DATE   |    |           |      |        |

**CONTACT**

建倚科技股份有限公司  
CONTACT TECHNOLOGY CORP.

TOLERANCE UNLESS OTHERWISE STATED :  
Up to 5 ±0.2  
Above 5 ~ 15 ±0.3  
Above 15 ~ 30 ±0.4  
Above 30 ~ 50 ±0.5  
Angle ±0.3°

3RD.  
ANGEL'S



UNITS

MM

DRAWN BY: Jack Lu  
CHECKED BY: Jacky Chen  
APPROVED BY: Tony Kao  
DATE: 08/01/22  
DATE: 08/01/22  
DATE: 08/01/22

| MAT'L     | TITLE    | PIN HEADER              |
|-----------|----------|-------------------------|
| FINISH    | MODLE    | PH1.27, 雙排 SMT 2*X PIN數 |
| SCALE     | DWG NO.  | PH-C31-x2xxx-S304       |
| SHEET NO. | PART NO. | PH-C31-x2xxx-S304       |

| SIZE |
|------|
| A4   |
| VER  |
| R14  |